

the

TUNEMASTER

line



. . . you owe it to yourself
to try this
more modern
tune-up equipment

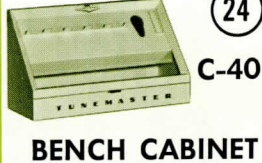




(24)
C-20



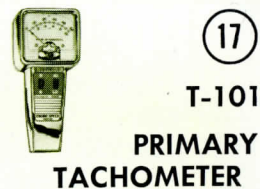
(24)
C-30



(24)
C-40

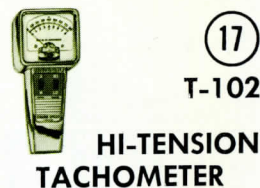


(24)
C-50



(17)
T-101

PRIMARY
TACHOMETER



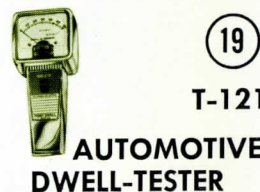
(17)
T-102

HI-TENSION
TACHOMETER



(18)
T-111

COMBI-
NATION
DWELL TACH



(19)
T-121

AUTOMOTIVE
DWELL-TESTER



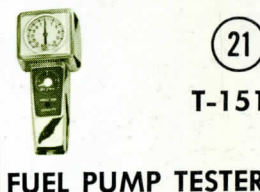
(19)
T-122

MULTI-CAM
DWELL-TESTER



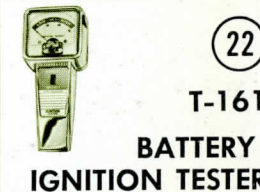
(20)
T-141

GENERATOR-
REGULATOR TESTER



(21)
T-151

FUEL PUMP TESTER



(22)
T-161

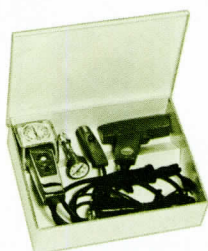
BATTERY
IGNITION TESTER



(22)
T-162

UNIVERSAL
IGNITION TESTER

KAL-EQUIP the TUNEMASTER LINE



(10)

MODEL 200



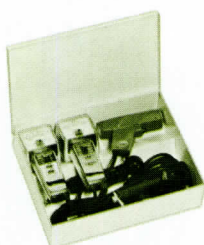
(7)

MODEL 300



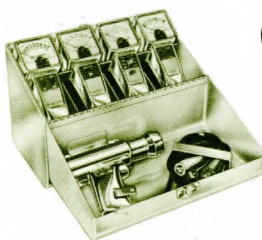
(3)

MODEL 500



(9)

MODEL 250



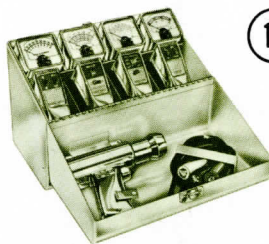
(11)

MODEL 310



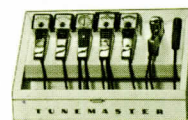
(14)

MODEL 280



(13)

MODEL 380



(5)

MODEL 400

KAL-EQUIP COMPANY

OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.
Cable KALEQUIPCO, Fort Wayne



(15)

E-361
SMALL ENGINE
TESTER



(16)

G-507
REMOTE
STARTER SWITCH



(16)

G-501
COMPRESSION
TESTER



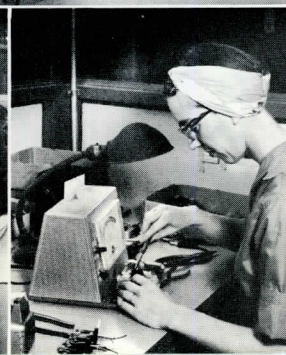
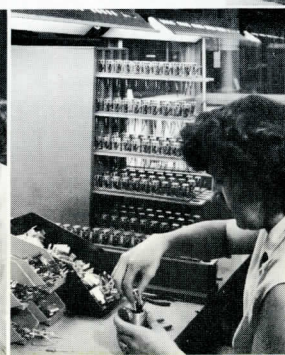
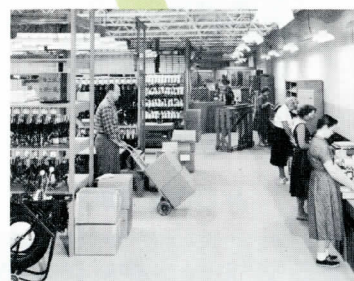
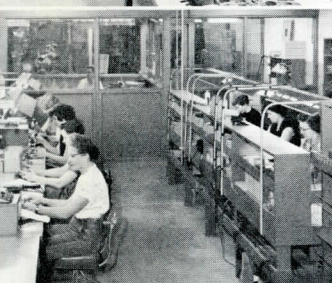
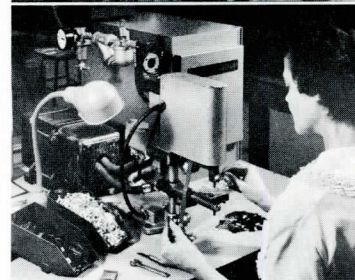
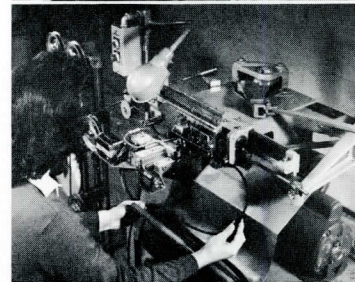
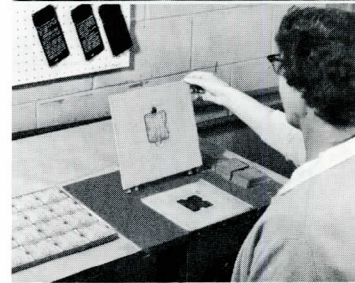
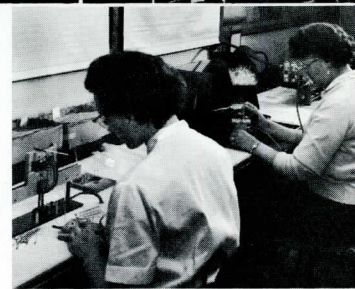
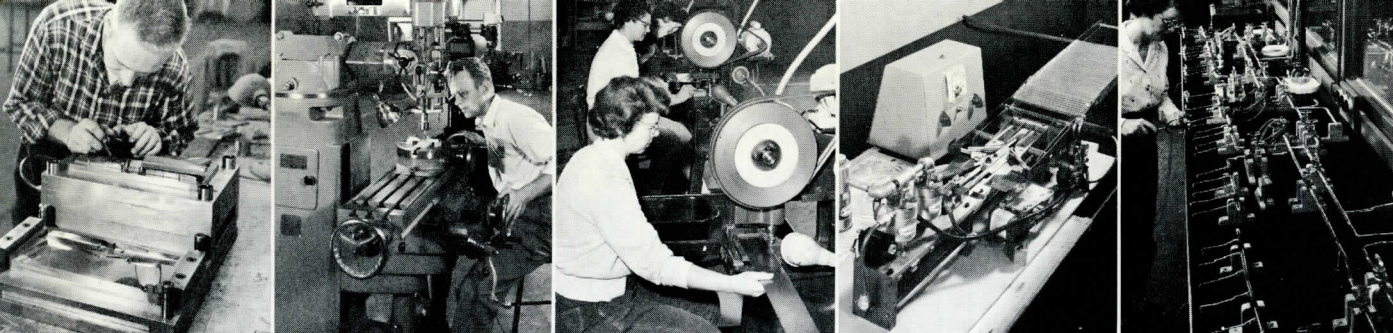
(23)

L-60
A.C. POWER
TIMING LIGHT



(23)

L-5
BATTERY POWER
TIMING LIGHT



Here is Kal-Equip . . .

Where CREATIVE ENGINEERING is constantly applied to every step of manufacture — from **design** to **delivery**.

Where, as a result of this, more and better products can be afforded by more people.

KAL-TUNEMASTER

MODEL 500

3

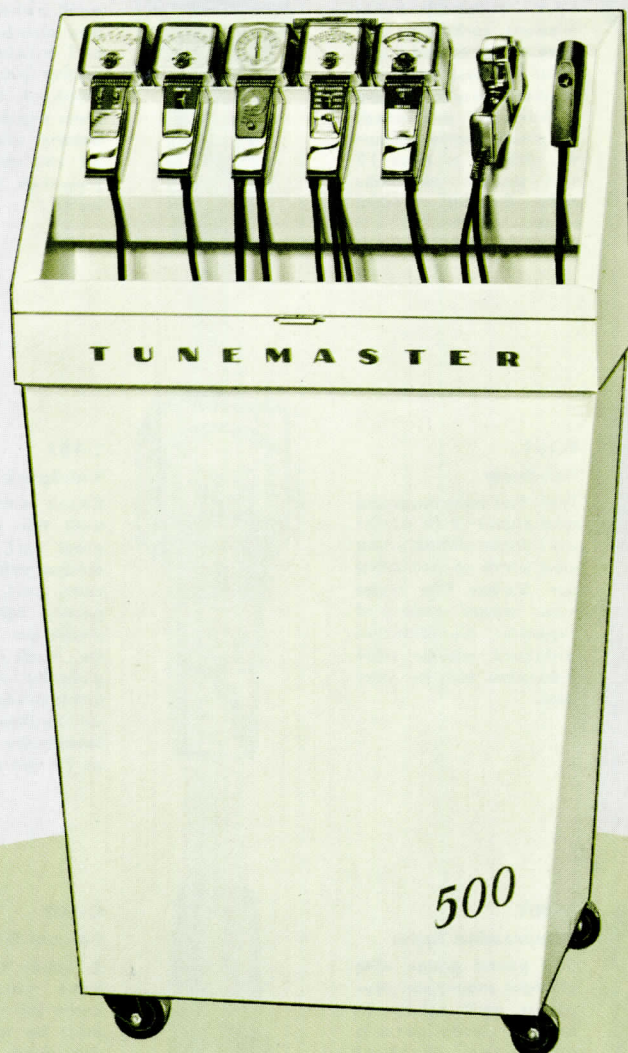
A complete tune-up department that commands prestige and confidence.

"Here is quality equipment. Here is a shop that can obviously do precision work. Here is a man who takes pride in doing a thorough job."

That is what the 500 quietly says to every passerby. Naturally, when these people have work to be done they seek the shop in which they have confidence . . . the shop which obviously has proper respect for a complicated and expensive engine.

But, the Kal-Tunemaster not only *sells* tune-up, it *does* tune-up and does it faster and easier and at less cost than was ever possible before . . . and so amazingly simple to use and understand.

Height: 43 1/2" Width: 26" Depth: 15"



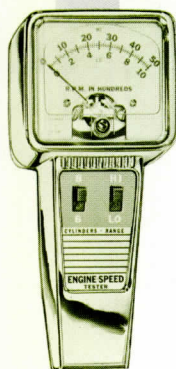
HERE ARE SOME OF THE TESTS THE 500 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- High Tension Voltage
- High Tension Current
- Coil and Condenser
- Distributor Cap and Rotor
- Spark Plug Wires
- Radio Suppressors
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance
- Automatic Transmission Adjustment
- Governor Setting
- Battery Condition
- Battery Cables
- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage
- Compression
- Engine Vacuum
- Fuel Pump Pressure
- Fuel Pump Capacity

KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne



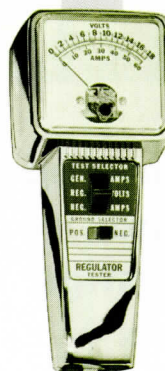
**T-101
Kal-Tach**

Use to adjust engine r.p.m., automatic transmissions, carburetor balance. For 4, 6, and 8 cylinder engines. Extremely accurate. Easy to use and is burn-out protected. Automatic battery shut-off. Adjusts to 6 or 12 volt systems automatically. 0-5000, 0-1000 r.p.m.



**T-121
Kal-Dwell**

Checks point adjustment and behavior. Finds bad distributor bearings and breaker plate, excessive point resistance. Checks 4, 6, and 8 cylinder engines. Automatic battery shut-off and 6-12 volt automatic compensation. Burn-out protected.



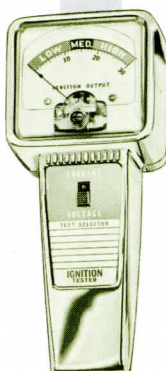
**T-141
Kal-Reg**

The easiest to use Volt-Ammeter ever devised. Built-in resistances and loads and unique selector switch allows 1-2-3 checking of generator output, voltage regulator and current regulator without having to change connections. Operates on 6 or 12 volt systems.



**T-151
Kal-Pump**

Tests fuel pump pressure and capacity in pints-per-minute without using stop watch or measuring can. Unique flow meter gives instant reading of capacity. Combination pressure gauge also measures engine vacuum.



**T-161
Kal-Spark**

Check entire ignition with this one burn-out proof tool. Check high tension voltage and current, coil, condenser, points, ignition wires, distributor cap and rotor. Finds reversed coil polarity, resistance in either primary or secondary ignition circuits. Automatically adjusts for 6 or 12 volt systems.

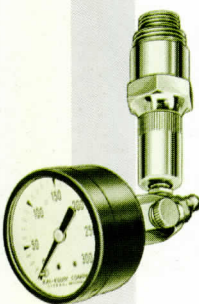


**L-5
Kal-Lite**

Brilliant white light is sharply focused to make engine timing handier even in well-lit locations. Bulb-saving trigger reduces needless wear. Shockproof and burn-out proof.



**C-40
Bench Cabinet**
Designed for both utility and display. Cords drop out of sight. Compartment for small items. Color, white.



**G-501
Compression Tester**
300 pound gauge with air-tight snap-apart coupling and screw-in adapter body permits quick, easy check of compression in places that other gauges cannot reach. No trying to hold against high compression, no wrist burning on hot manifolds.



**G-507
Remote Starter Switch**
A handy tool that will save many steps on every job where engine must be turned. Heavy duty leads and oversize switch contacts hold up even under extremely severe usage. Unique bulb feature is perfect for working on distributor points.



**C-50
Floor Stand**
Designed to hold the C-40 Bench Cabinet and together they become a display console. Composition casters. Color, white.

WHAT KAL-EQUIP TESTING TOOLS CAN DO FOR YOU

You get an inkling of what a Kal-Tool can do for you just by holding one in your hand. It feels right — looks right. You'll be amazed how easy it is to operate. Kal-Tools were developed by men who have had years of experience in using and designing tune-up equipment. They knew and developed exactly what the modern mechanic needed — a "tool" that would be extremely easy to use . . . one that the mechanic could use without extensive and special training . . . one that would get the job done accurately and quickly therefore mak-

ing him more money. Compare Kal-Tools with any other tune-up equipment. You'll quickly see how the engineering built into Kal-Tools will mean more profit to you in tune-up jobs. You can make tune-ups faster, easier and get the kind of results that satisfy car owners and yourself.

KAL-TUNEMASTER

MODEL 400

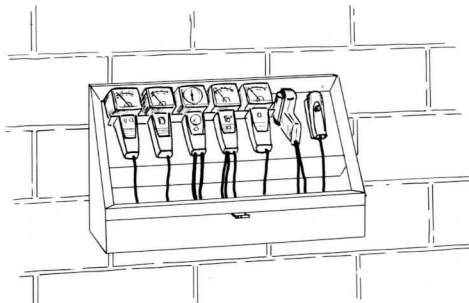
A tune-up department that will build business and profits.

Because today's cars are too expensive to be tinkered with, owners prefer to deal where they have faith in a mechanic . . . good equipment is mighty important in establishing this faith.

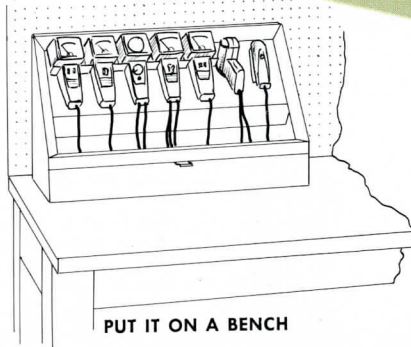
But, the Tunemaster 400 is more than a confidence builder, it's a complete profit-building tune-up department that will get the job done quicker and more accurately because it is so easy to use and understand.

Yes, tune-up is the key to profit today because it opens the door to further sales of parts, services and accessories.

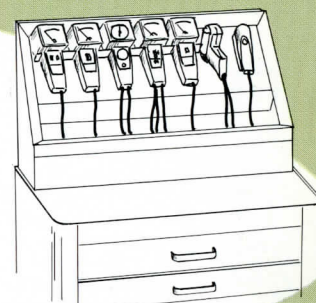
Height: 15 1/2" Width: 26" Depth: 10 1/2"



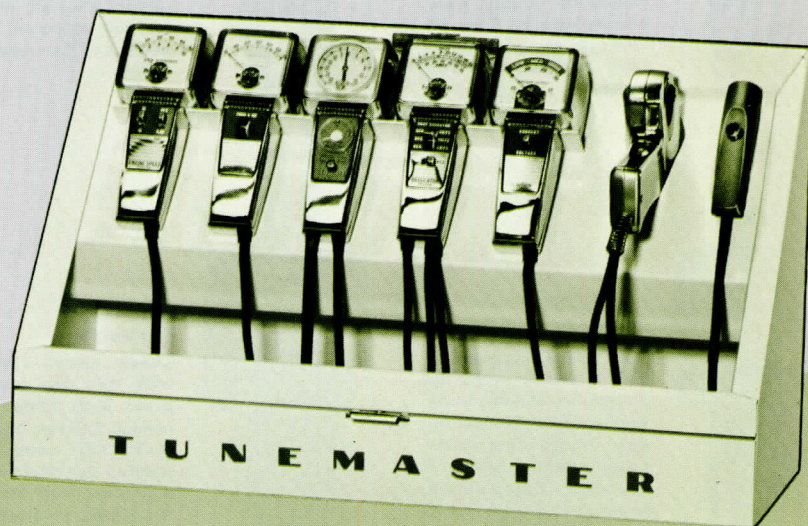
HANG IT ON A WALL



PUT IT ON A BENCH



OR ROLLAWAY



HERE ARE SOME OF THE TESTS THE 400 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- High Tension Voltage
- High Tension Current
- Coil and Condenser
- Distributor Cap and Rotor
- Spark Plug Wires

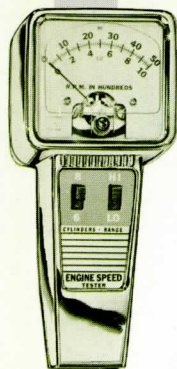
- Radio Suppressors
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance
- Automatic Transmission Adjustment
- Governor Setting
- Battery Condition
- Battery Cables

- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage
- Compression
- Engine Vacuum
- Fuel Pump Pressure
- Fuel Pump Capacity

KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

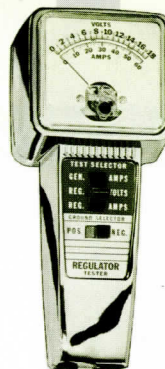
Cable KALEQUIPCO, Fort Wayne

**T-101****Kal-Tach**

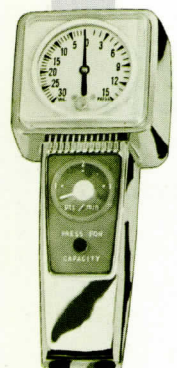
Use to adjust engine r.p.m., automatic transmissions, carburetor balance. For 4, 6, and 8 cylinder engines. Extremely accurate. Easy to use and is burn-out protected. Automatic battery shut-off. Adjusts to 6 or 12 volt systems automatically. 0-5000, 0-1000 r.p.m.

**T-121****Kal-Dwell**

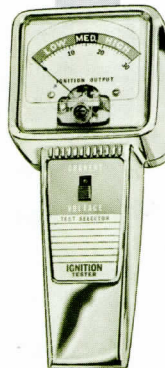
Checks point adjustment and behavior. Finds bad distributor bearings and breaker plate, excessive point resistance. Checks 4, 6, and 8 cylinder engines. Automatic battery shut-off and 6-12 volt automatic compensation. Burn-out protected.

**T-141****Kal-Reg**

The easiest to use Volt-Ammeter ever devised. Built-in resistances and loads and unique selector switch allows 1-2-3 checking of generator output, voltage regulator and current regulator without having to change connections. Operates on 6 or 12 volt systems.

**T-151****Kal-Pump**

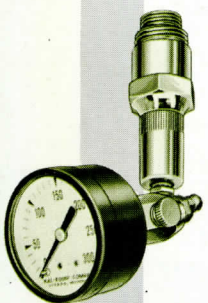
Tests fuel pump pressure and capacity in pints-per-minute without using stop watch or measuring can. Unique flow meter gives instant reading of capacity. Combination pressure gauge also measures engine vacuum.

**T-161****Kal-Spark**

Check entire ignition with this one burn-out proof tool. Check high tension voltage and current, coil, condenser, points, ignition wires, distributor cap and rotor. Finds reversed coil polarity, resistance in either primary or secondary ignition circuits. Automatically adjusts for 6 or 12 volt systems.

**L-5****Kal-Lite**

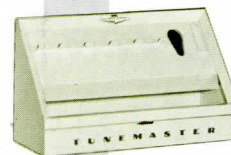
Brilliant white light is sharply focused to make engine timing handier even in well-lit locations. Bulb-saving trigger reduces needless wear. Shockproof and burn-out proof.

**G-501****Compression Tester**

300 pound gauge with air-tight snap-apart coupling and screw-in adapter body permits quick, easy check of compression in places that other gauges cannot reach. No trying to hold against high compression, no wrist burning on hot manifolds.

**G-507****Remote Starter Switch**

A handy tool that will save many steps on every job where engine must be turned. Heavy duty leads and oversize switch contacts hold up even under extremely severe usage. Unique bulb feature is perfect for working on distributor points.

**C-40****Bench Cabinet**

Designed for both utility and display. Cords drop out of sight. Compartment for small items. Color, white.

WHAT KAL-EQUIP TESTING TOOLS CAN DO FOR YOU

You only get paid for a finished job. It stands to reason then that the more jobs you can finish per day, the more you'll get paid.

Kal-Tools were designed to do the same job as big complicated analyzers, but without the confusion of dozens of dials, switches and scales and the maze of connections that take time to figure out every time you use them.

These are tools designed for the modern mechanic . . . engineered for speed, accuracy and prestige. They can be used safely and confidently without a lot of time-consuming instruction because they are burn-out proof and extremely simple to use and understand.

Compare Kal-Tools with any other tune-up equip-

ment. You'll quickly see how the better engineering behind Kal-Tools will mean more profit to you in tune-up jobs.

Yes, here's a new concept in tune-up equipment that puts you ahead of competition faster and easier and at less cost than ever before possible.

KAL-TUNEMASTER

MODEL 300

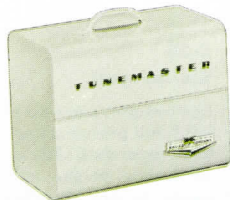
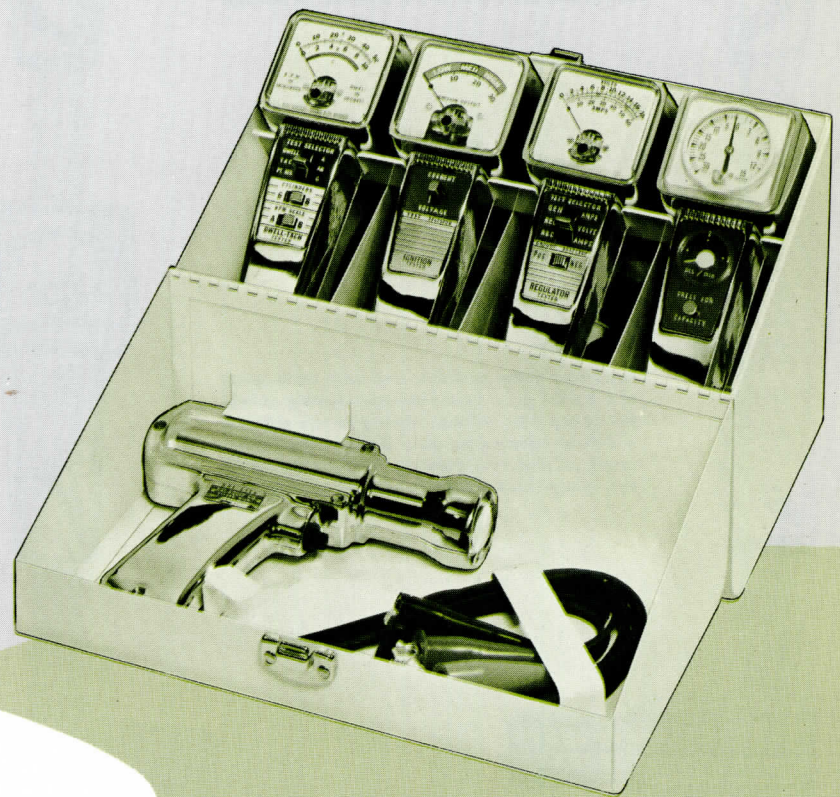
7

A complete automotive tune-up department designed for greater profit

Since profit is the difference between what comes in and what goes out, it stands to reason that profit can be increased fastest by both *raising the incoming* and *lowering the outgoing*.

For mechanics, garages and service stations, tune-up is becoming increasingly important as a means of "raising the incoming" because it opens the door to further sales of parts and services.

The Kal-Tunemaster 300 will increase the profits even faster by "lowering the outgoing". It not only does the same job as analyzers costing five times as much, it gets the job done quicker, easier and at less cost per job than ever before possible . . . and so amazingly simple to use and understand.



Height: 12"
Width: 14"
Depth: 7 1/2"

HERE ARE SOME OF THE TESTS THE 300 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- High Tension Voltage
- High Tension Current
- Coil and Condenser
- Distributor Cap and Rotor
- Spark Plug Wires
- Radio Suppressors
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance
- Automatic Transmission Adjustment
- Governor Setting
- Battery Condition
- Battery Cables
- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage
- Engine Vacuum
- Fuel Pump Capacity
- Fuel Pump Pressure

KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne



T-111
Kal Dwell-Tach

Checks point adjustment and behavior. Finds bad distributor bearings and breaker plate, excessive point resistance. Adjusts engine r.p.m., automatic transmission, carburetor balance. For 4, 6, and 8 cylinder engines. Automatically adjusts for 6 and 12 volt systems. Automatic battery shut-off, burn-out protected.



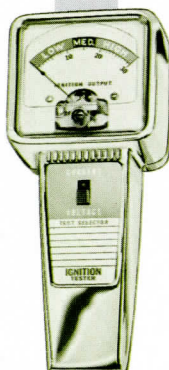
T-141
Kal-Reg

The easiest to use Volt-Ammeter ever devised. Just three wires to connect, same connection for all cars, all tests. Built-in resistances and loads and unique selector switch allows 1-2-3 checking of generator output, voltage regulator, and current regulator without changing hook-up or removing regulator cover. Operates on 6 or 12 volt systems.



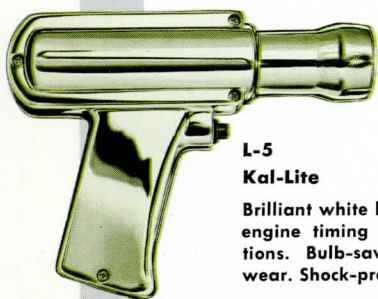
T-151
Kal-Pump

Tests fuel pump pressure and with mere press of a button gives instantaneous reading of fuel pump capacity without having to use either a watch or measuring can. Unique flow meter reads in pints-per-minute. Combination pressure gauge also measures engine vacuum.



T-161
Kal-Spark

Check entire ignition with this one burn-out proof tool. Check high tension voltage and current, coil, condenser, points, ignition wires, distributor cap and rotor. Finds reversed coil polarity, resistance in either primary or secondary ignition circuits. Automatically adjusts for 6 or 12 volt systems.



L-5
Kal-Lite

Brilliant white light is sharply focused to make engine timing handier even in well-lit locations. Bulb-saving trigger reduces needless wear. Shock-proof and burn-out proof.



C-30
Kal-Carryall

Lightweight, compact carryall box. Designed to hold and protect units from damage. Cords are kept separated. Allows tune-up department to be carried to the job for on-the-road emergency service. Finished in durable baked-on refrigerator white enamel.

WHAT KAL-EQUIP TESTING TOOLS CAN DO FOR YOU

Just as progress and improvement is made in everything else, Kal-Equip's new concept of "Tune-Up Tools" has revolutionized automotive tune-up. No longer is it necessary to get large, expensive equipment . . . and then spend all the profit paying for it.

Kal-Tools were designed to do the same job as big complicated analyzers, but without the confusion of dozens of dials, switches and scales and the maze of connections that take time to figure out every time you use them.

These are tools designed for speed, accuracy and prestige. They can be used safely and confidently without a lot of time-consuming instruction because they are burn-out proof and extremely sim-

ple to use and understand.

Yes, Kal-Equip's new concept of tune-up tools makes it possible for every shop . . . even every mechanic, to be properly equipped to go after more business and more profit.

KAL

TUNE-TOOL KIT

MODEL 250

9

Essential tune-up tools at a remarkably low price.

Don't be misled by the low price tag on this combination of testers. (Frankly, we developed the Model 250 to discourage competition.)

Here is the *only* hand-held combination Dwell-Tach available anywhere. Getting two instruments in one represents a considerable saving.

Here is the *only* hand-held Volt-Ammeter with the built-in loads for current and voltage regulator testing, yet it costs less than half the price of any other tester with this same feature.

Here is the *only* A.C. Power Timing Light priced at less than half the cost of Battery Powered Timing Lights yet is just as bright or brighter.

Height: 3 1/2"

Width: 13"

Depth: 10 1/2"

HERE ARE THE TESTERS IN THE 250



T-111

Kal Dwell-Tach

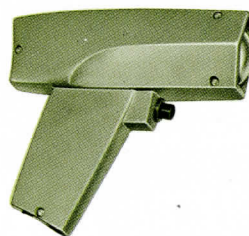
For 4-6-8 cylinders, 6 and 12 volt systems. One connection for all tests. Burn-out proof.



T-141

Kal-Reg

A specially designed Generator and Regulator Tester . . . more than just another Volt-Ammeter.



L-60

Kal-Lite Jr.

110 volt, 25-60 cycle, A.C. Power Timing Light emits sharp, brilliant, white light.



C-20

Tune-Tool Box

Heavy gauge steel box, 3 1/2" x 13" x 10 1/2" holds all three testers with ample room for cord storage. Color, white.

HERE ARE SOME OF THE TESTS THE 250 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance
- Automatic Transmission Adjustment
- Governor Setting
- Battery Condition
- Battery Cables
- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage

KAL-EQUIP COMPANY

OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

Printed in U.S.A.

Form F-609

KAL TUNE-TOOL KIT

MODEL 200

Kal-Tools are designed to do specific jobs quickly, easily, and accurately.

Originally developed to supplement the famous Kal Tune-Up Equipment, these tools make an ideal package for every mechanic's kit because they each help do the job better and quicker.

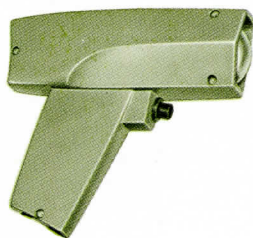
The Fuel Pump Tester checks fuel pump pressure and capacity without using a stop watch or measuring can. The Remote Starter Switch has a built-in light that makes it handy around a distributor. The Compression Gauge with the exclusive snap-apart feature is the choice of everyone who works on a modern engine. The Kal-Lite Jr. is an ideal timing light for the fellow who prefers to own his own.



HERE ARE THE TESTERS IN THE 200



C-20
Tune-Tool Box
Heavy gauge steel box, 3 1/2" x 13" x 10 1/2" holds all three testers with ample room for cord storage. Color, white.



L-60
Kal-Lite Jr.
110 volt, 25-60 cycle, A. C. Power Timing Light emits sharp, brilliant, white light.



G-501
Compression Tester
300 pound capacity. Snap-apart feature permits convenient use in tight places that other gauges can't reach.



G-507
Remote Starter Switch
Heavy duty switch handles all applications. Exclusive utility light feature at no extra cost.



T-151
Kal-Pump
Checks fuel pump pressure and capacity. Also checks engine vacuum.

HERE ARE SOME OF THE THINGS THE 200 WILL DO

- Engine Timing
- Distributor Advance Behavior
- Cylinder Compression
- Valve Condition
- Engine Vacuum
- Fuel Pump Pressure
- Fuel Pump Capacity
- Remote Starting

KAL-TUNEMASTER

MODEL 310

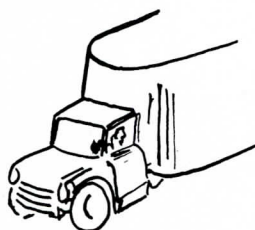
11

An all-purpose tune-up department for both battery and magneto systems.

For specialty service shops and those whose activity extends beyond automotive service, Kal-Equip offers the Model 310 Tunemaster.

This versatile group of instruments tunes cars and trucks... *plus* aircraft, tractors, motorcycles and scooters, outboard and inboard engines, chain-saws, industrial engines, etc. Complete portability allows "on the job" service, a must in many instances.

Height: 12" Width: 14" Depth: 7 1/2"



Trucks



Cars



Inboards



Tractors



Aircraft



Motorcycles and Scooters



Industrial Engines

HERE ARE SOME OF THE TESTS THE 310 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- High Tension Voltage
- High Tension Current
- Coil and Condenser
- Distributor Cap and Rotor

- Spark Plug Wires
- Radio Suppressors
- Magneto Continuity
- Magneto Output
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance
- Automatic Transmission Adjustment

- Governor Setting
- Battery Condition
- Battery Cables
- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage

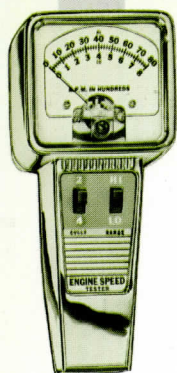
KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

Printed in U.S.A.

Form F-611



T-102
Hi-Tension Kal-Tach

Completely portable, self-powered high tension tachometer for two and four cycle engines. If the engine has a spark plug, this tester will check r.p.m. regardless of number of cylinders. Scales are 0-8000 and 0-800. Automatic battery shut-off, burn-out protected.



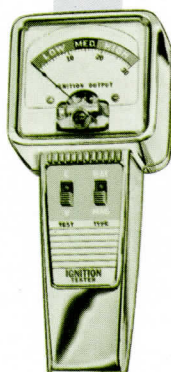
T-121
Kal-Dwell

Checks point adjustment and behavior. Finds bad distributor bearings and breaker plate, excessive point resistance. Checks 4, 6, and 8 cylinder engines. Exclusive "press and set" feature guards against accidentally knocking out of adjustment once "set" is made. Automatic battery shut-off, burn-out protected. Works on both 6 and 12 volts.



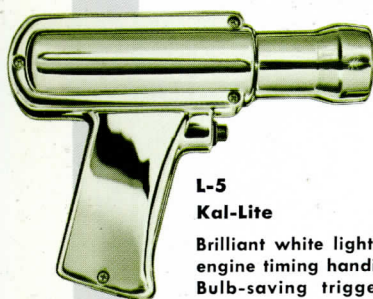
T-141
Kal-Reg

The easiest to use Volt-Ammeter ever devised. Just three wires to connect, same connection for all cars, all tests. Built-in resistances and loads and unique selector switch allows 1-2-3 checking of generator output, voltage regulator, and current regulator without changing hook-up or removing regulator cover. Operates on 6 or 12 volt systems.



T-162
Universal Kal-Spark

Check entire ignition system (either battery or magneto) with this one burn-out proof tool. Checks high tension voltage and current, coil, condenser, points, ignition wires, distributor cap and rotor. Finds reversed coil polarity, excessive primary or secondary resistance and checks secondary continuity.



L-5
Kal-Lite

Brilliant white light is sharply focused to make engine timing handier even in well-lit locations. Bulb-saving trigger reduces needless wear. Shock-proof and burn-out proof.



C-30
Kal-Carryall

Lightweight, compact carryall box. Designed to hold and protect units from damage. Cords are kept separated. Allows tune-up department to be carried to the job for on-the-road emergency service. Finished in durable baked-on refrigerator white enamel.

WHAT KAL-EQUIP TESTING TOOLS CAN DO FOR YOU

Just as doctors learn to spot certain diseases by observing the visible symptoms, mechanics learn to spot certain mechanical problems by mere observation of the engine behavior.

But a "hit or miss" method of diagnosis, whether done by doctor or mechanic, is something that is both unsatisfactory and costly. It wastes time and, at least for the mechanic, it's time he can't get paid for. Any tune-up instrument in the hands of a skilled mechanic will help him find and fix trouble quicker thereby making him a more valuable mechanic.

Because Kal-Tools were designed without a lot of

confusing dials and switches and a lot of complicated connections to learn, they save a mechanic even more time.

Yes, Kal-Tools make every mechanic a better mechanic and every customer a more satisfied customer. Satisfied customers mean more business and more business means more profit for everybody.

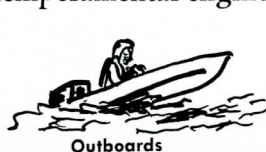
KAL-TUNEMASTER

MODEL 380

A complete tune-up department for the boating trade

Here is equipment that makes tune-up on inboard and outboard motors as fast, efficient, easy and profitable as automotive tune-up has been in the automotive field.

Here are tools that are accurate, compact, portable and complete . . . tools so easy to understand and use that marine dealers find them indispensable and extremely profitable for servicing today's complicated and temperamental engines.



Outboards



Inboards

HERE ARE THE TESTERS IN THE 380



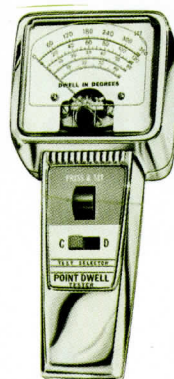
**C-30
Kal-Carryall**
Compact box holds and protects all Kal-Tools shown. Allows tune-up department to be carried to the job.

Height: 12"
Width: 14"
Depth: 7 1/2"

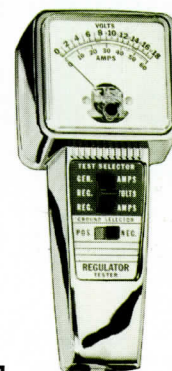


**L-5
Kal-Lite**
Brilliant white light is sharply focused to make engine timing handier even in well-lit locations. Bulb-saving trigger reduces needless wear. Shock-proof and burn-out proof.

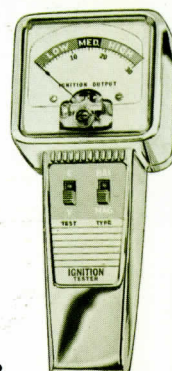
**T-102
Hi-Tension Kal-Tach**
If the engine has a spark plug, this instrument will check r.p.m. regardless of number of cylinders. For either two or four cycle engines. Range 0-8000, 0-800. Burn-out protected.



**T-122
Multi-Cam Kal-Dwell**
Checks dwell on any marine engine. Four scales for all cam-lobe arrangements found on marine engines. Also has continuity test for timing magnetos. Burn-out protected. For 6 or 12 volt systems.



**T-141
Kal-Reg**
Regulator - Generator Tester, more than just another Volt-Ammeter. Performs many tests. Especially useful on inboards where dependable electrical performance is vital.



**T-162
Universal Kal-Spark**
Checks entire ignition system (either battery or magneto). Checks coil, condenser, high tension voltage and current, points, ignition wires, cap, rotor; also checks secondary continuity.

HERE ARE SOME OF THE TESTS THE 380 WILL MAKE

- Engine Timing
- Distributor Advance Behavior
- Point Dwell
- Point Resistance
- Breaker Plate Wear
- High Tension Voltage
- High Tension Current
- Coil and Condenser

- Distributor Cap and Rotor
- Spark Plug Wires
- Radio Suppressors
- Magneto Continuity
- Magneto Output
- Engine Speed
- Carburetor Idle Mixture
- Cylinder Balance

- Governor Setting
- Battery Condition
- Battery Cables
- Generator Output
- Voltage Regulator
- Current Regulator
- Cut-Out Relay
- Cranking Voltage

KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

KAL TUNE-TOOL KIT

MODEL 280

Basic testing tools for inboard and outboard engines

The recent and rapid rise in the popularity of marine activity together with the increasing complexity of the new outboard motors has brought many problems to the marine service industry. For instance, boat owners, on an all too short vacation, refuse to accept excuses for failure to get their engines back in the water. They demand service and the smart marina sees that they get it.

The Model 280 is ideal for shops doing primarily outboard service, with only occasional inboard work. Here are tools which do the job quickly and accurately thereby keeping owners happier and dealers even busier with new business.

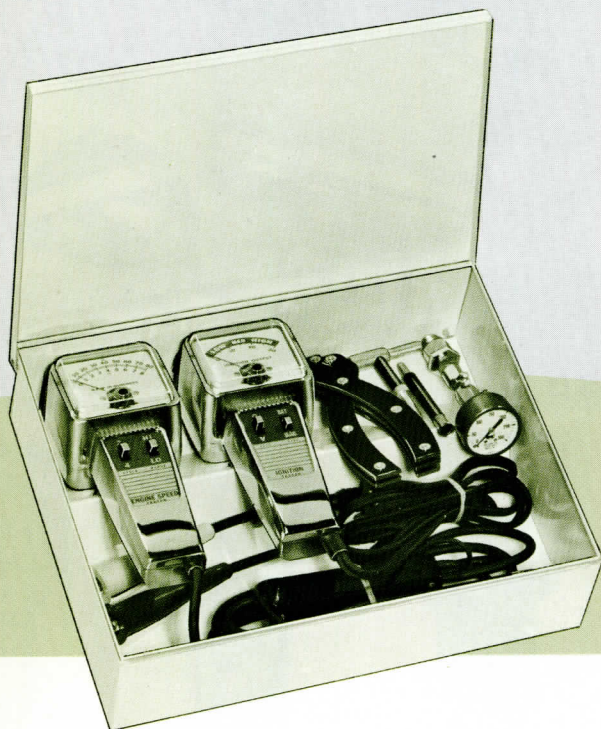


Outboards



Inboards

HERE ARE THE TESTERS IN THE 280



Height: 3 1/2"
Width: 13"
Depth: 10 1/2"



C-20

Tune-Tool Box

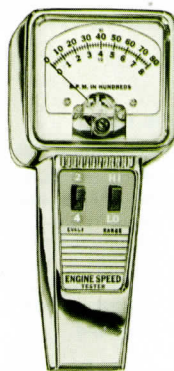
Heavy gauge steel box, holds all three testers with ample room for cord storage. Color, white.



G-501

Compression Tester

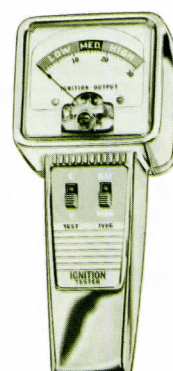
300 pound capacity. Snap-apart feature permits convenient use in tight places. Screw-in feature leaves both hands free to operate motor.



T-102

Hi-Tension Kal-Tach

If engine has a spark plug, this instrument will check r.p.m. regardless of number of cylinders. For either two or four cycle engines. Range 0-8000, 0-800. Burn-out protected.



T-162

Universal Kal-Spark

Checks entire ignition system (either battery or magneto). Checks coil, condenser, high tension voltage and current, points, ignition wires, cap, rotor; also checks secondary continuity.

HERE ARE SOME OF THE TESTS THE 280 WILL MAKE

- High Tension Voltage
- High Tension Current
- Coil and Condenser
- Distributor Cap and Rotor

- Spark Plug Wires
- Magneto Continuity
- Magneto Output
- Engine Speed

- Carburetor Idle Mixture
- Cylinder Balance
- Governor Setting
- Compression

A complete tune-up shop for the fast-growing small engine trade

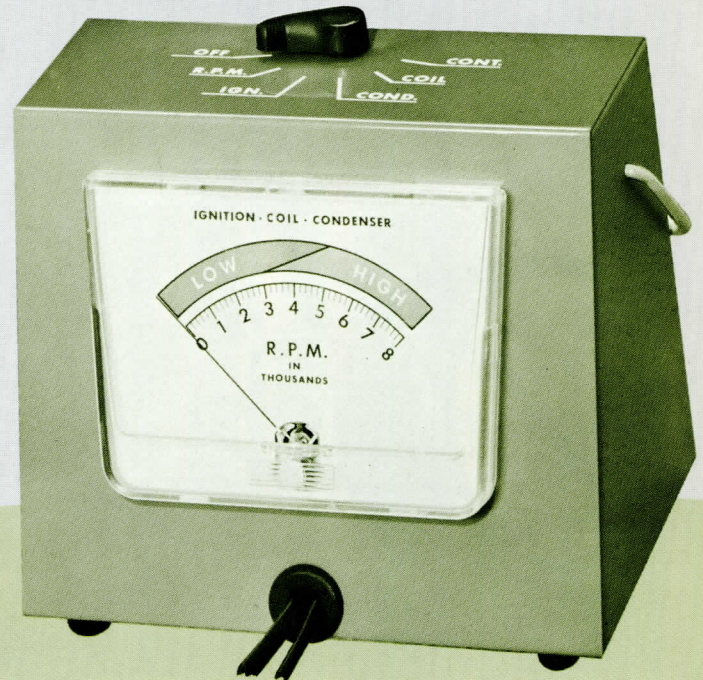
Most customers have a pretty fair idea of how much a repair job is actually worth to them and therefore it is almost impossible to get paid for any time lost in using "hit or miss" methods of finding trouble.

The Model E-361 spots ignition trouble in small engines without even starting them. One pull of the starter cord and you know immediately if you must work on the fuel system or the ignition.

This feature alone would justify owning this tester, but the E-361 does many more jobs too. It's actually a complete shop designed to make small engine service really profitable.

Model E-361 115 Volt 50-60 Cycle

Model E-361-220 220 Volt 50-60 Cycle



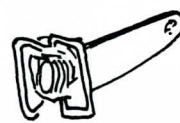
HERE ARE SOME OF THE ENGINES THE E-361 WILL TEST



- Lawn Mowers
- Scooters
- Motorcycles



- Small Industrial Engines
- Small Farm Machine Engines
- Chain Saws



- Portable Generators
- Garden Tractors
- Truck Refrigeration Engines



HERE ARE SOME OF THE THINGS THE E-361 WILL DO

TESTS MAGNETO ON "DEAD" ENGINE with mere pull of the starter. You know immediately whether to work on fuel or ignition.

FINDS BRITTLE SPARK PLUG WIRE INSULATION, dirty or improperly spaced points, reversed high tension polarity, weak magnets.

TESTS CONDENSER rejecting as "bad" any with series resistance, breakdown, or leakage.

TESTS COIL OUTPUT rejecting as "bad" all coils that are weak or breaking down to ground.

TESTS COIL SECONDARY CONTINUITY rejecting as "bad" any that might still operate, but which will eventually fail due to a broken wire in the secondary winding.

MEASURES ENGINE SPEED with simple connection to spark plug, no need to dismantle engine to get connection inside. Scale reads to 8000 r.p.m.

A PRECISION INSTRUMENT yet built ruggedly to withstand hard use. Made with printed circuits to minimize maintenance and service trouble.

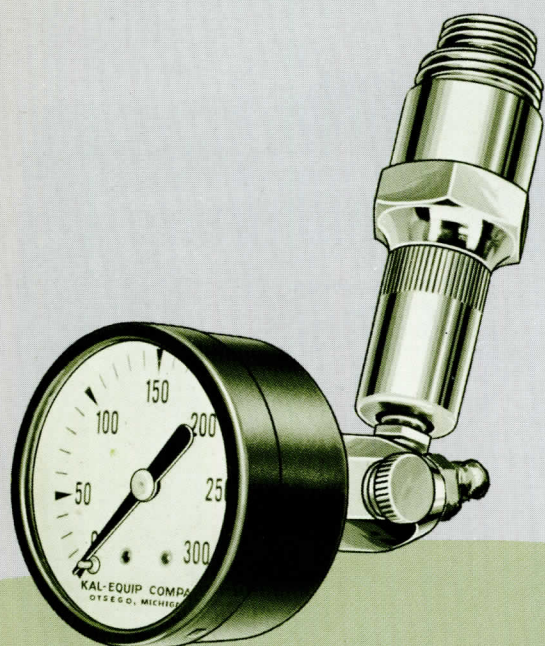
KAL-EQUIP COMPANY

OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

KAL-EQUIP COMPRESSION TESTER MODEL G-501



Easiest-to-use compression tester ever developed.

Tuning an engine that has poor or uneven compression can be costly because the engine cannot be tuned properly and customer complaints are almost sure to result. This important step in tune-up is too often neglected, however, because today's high compression engine with almost inaccessible plug locations make most compression gauges too time-consuming and difficult to use . . . and it's time that is hard to get paid for.

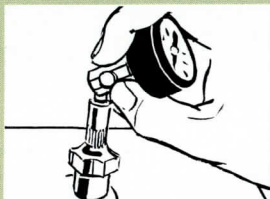
However complicated they make an engine though, spark plugs must still be removable and that's why Kal-Equip's G-501 Gauge is so easy and fast to use . . . now compression testing can be a profitable step in tune-up.

Adapter for deep reach plugs and engines with deeply recessed plugs is available. Order Adapter A-817.

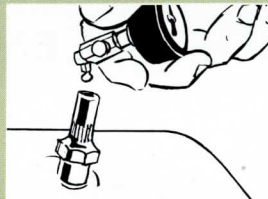
HERE IS WHY THIS TESTER IS EASY TO USE



TURN . . . plug adapter into spark plug hole with fingers. No wrench needed.



CLICK . . . tester into plug adapter and crank engine.



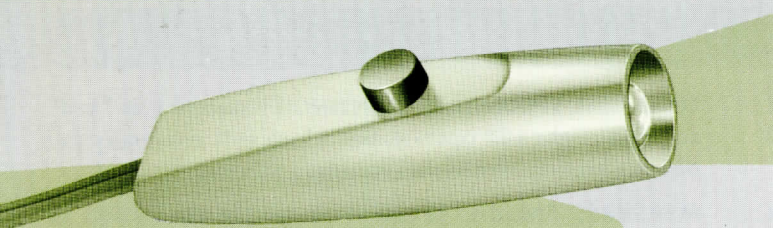
SNAP . . . tester off.



READ . . . pressure on tester in your hand where you can see it.

REMOTE STARTER SWITCH

MODEL **G-507**



Look at this bonus feature!



Puts the light where it's needed while nudging the starter.

One of the handiest tools in a mechanic's kit.

Here is a remote starter switch that handles even the big ones. The switch contacts are extra heavy duty and double silver plated for even further reliability. And because this switch is built for heavy loads, it is supplied with heavy duty connecting leads (not just lamp cord).

A unique feature of the G-507 is the handy built-in bulb that puts a light at your finger tips . . . a miniature drop-light for tight places.

KAL-TACH

PRIMARY MODEL T-101

UNIVERSAL 6-12 VOLT OPERATION . . . operates on either voltage automatically, no switches to set or change. Burn-out proof . . . improper connection will not damage instrument.

JEWEL MOVEMENT METER . . . finest available movement . . . extremely sensitive yet shock resistant, durably built to last.

EASY DIAL READING . . . simplified scale, large graduations, clear markings . . . every common cause of reading error has been eliminated.

RANGE 0-5000 on high scale, 0-1000 on low scale. Direct reading for 6 and 8 cylinder engines. Checks 4 cylinder engines also.

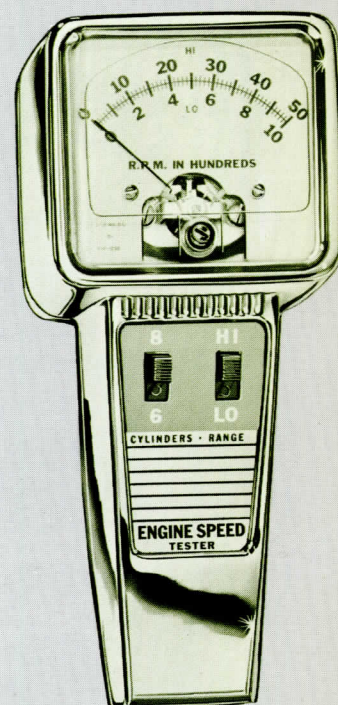
PERMANENTLY "SET" AT FACTORY . . . no external set adjustment to forget . . . always accurate.

BUILT WITH AUTOMATIC TRANSMISSIONS IN MIND . . . extra long leads let you put Kal-Tach where you can watch it while adjustments are made.

ONE HAND OPERATION . . . compact, handy, lightweight. Advanced technical design permits accurate performance expected only in larger, more expensive testers.

NO BATTERY FAILURES . . . no "off-on" switch to forget, so internal batteries can't run down. Always ready to work when you want it.

- Here is the easiest-to-use tachometer ever made. Use it to adjust engine r.p.m. . . . adjust automatic transmissions by factory method . . . balance carburetor idle jets far more quickly and accurately than any other method. Absolutely no training required to use because Kal-Tach will not be damaged if used or connected wrong.



KAL-TACH

HIGH-TENSION MODEL T-102

OPERATES FROM SPARK PLUG VOLT-AGE . . . connects to one plug thereby making tester independent of system voltage or number of cylinders.

COMPLETELY PORTABLE AND SELF-POWERED . . . no need to have A.C. power available. Goes right to the engine no matter where it is.

RANGE 0-8000 on high scale, 0-800 on low scale. Direct reading on any engine from 1 to 12 cylinders.

EASY DIAL READINGS . . . simplified scale, large graduations, clear markings

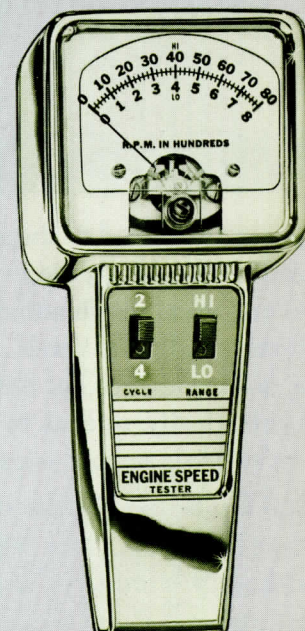
. . . no chance of wrong readings through confusion common to many dials.

ONE HAND OPERATION . . . Never before has there been a high tension tachometer built into such an easy-to-use package.

PERMANENTLY "SET" AT FACTORY . . . no external set adjustments to forget . . . always accurate.

JEWEL MOVEMENT METER . . . extremely sensitive yet shock resistant and built to last under hard use.

- Here is a completely portable, high tension tachometer that works equally well on battery or magneto systems and is independent of number of cylinders. The self-powered feature permits usage on outboards, inboards, trucks, tractors, aircraft, industrial engines, and automobiles, either in the shop or on the job.



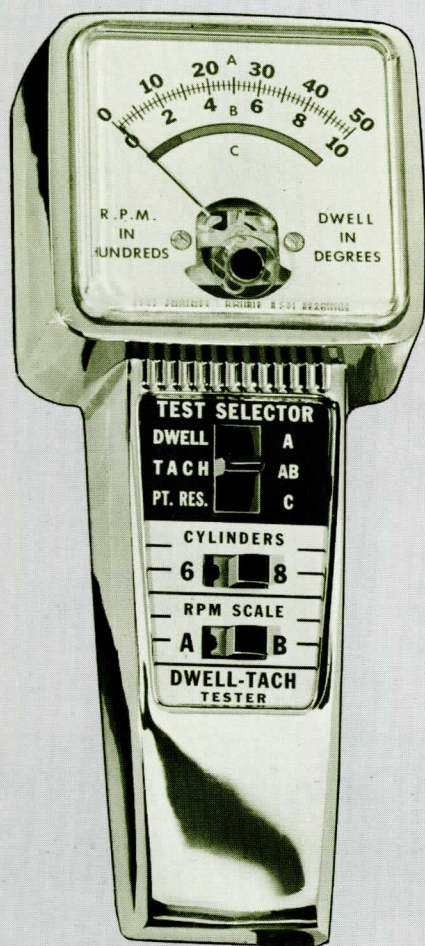
KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

KAL DWELL-TACH

MODEL T-111



DWELL METER READS CAM ANGLE directly without preliminary "setting." Checks 4, 6, and 8 cylinder engines. Use it to test for point adjustment and behavior. Finds bad distributor bearings and breaker plates, excessive point resistance.

TACHOMETER READS R.P.M. without preliminary "setting." Scales are 0-5000 and 0-1000. Use tach to adjust engine speed, automatic transmissions, carburetor balance.

UNIVERSAL 6-12 VOLT OPERATION . . . operates on either voltage automatically. Burn-out proof . . . improper connection will not damage instrument.

JEWEL MOVEMENT METER . . . finest available movement . . . extremely sensitive yet very rugged for every day usage.

ALLOWS ENGINE FULL POWER . . . remarkably low load characteristics . . . no stealing of engine power . . . permits engine to operate normally during test . . . insures accurate readings.

KAL TOOLS ARE ENGINEERED TO DO THE JOB FASTER

Connect one lead to the side of the distributor, one lead to ground, set the switch for the number of cylinders. Press the thumb switch forward and immediately read point dwell . . . no preliminary "setting or calibrating" to do. After checking dwell, switch automatically returns to tachometer position . . . you're ready to read engine speed.

One flip of the Hi-Low switch selects the scale you want to read . . . 0 to 5000 or 0 to 1000 r.p.m. . . . without preliminary "setting" or calibrating.

Stop the engine and leave the key on and with the points closed, flip the thumb switch down and see if point resistance is within tolerance.

In far less time than it took to read this far, you can make point-dwell, point-resistance, and r.p.m.

checks without fear of doing it wrong or getting an inaccurate reading.

Here is a major "breakthrough" in instrument design. Never before has it been possible to build a precision Tachometer and Dwell-Meter into such a small and inexpensive hand-held tool. But through better, more aggressive research, Kal-Equip engineers did it and the revolutionary method used to do it will be another "exclusive" for a long time because Kal-Equip has taken the necessary steps to obtain patent coverage.

KAL-DWELL AUTOMOTIVE

MODEL T-121

BUILT TO DO JUST ONE JOB and do it fast and accurately with absolutely no possibility of confusion.

ABSOLUTE "MUST" FOR NEWEST DISTRIBUTORS . . . feeler gauges can't do the job on external adjustment distributors.

SINGLE CONTROL . . . press and turn cylinder selector with thumb to set for 6 or 8 cylinders . . . release to read degrees of cam angle. Also checks 4 cylinder engines.

ONE HAND OPERATION . . . small, lightweight tool made to fit the hand

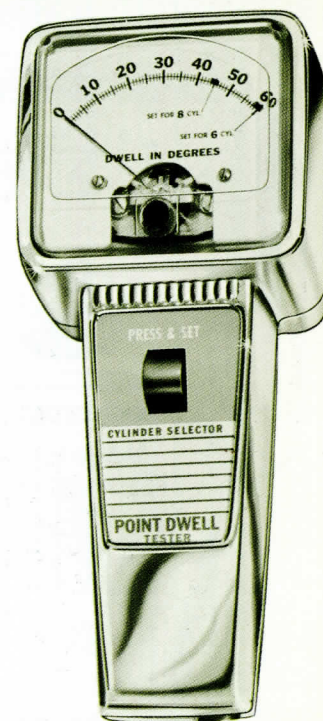
. . . no need for long distance reading . . . place it where you want it.

AUTOMATIC BATTERY SHUT-OFF . . . no off-on switch to forget . . . internal batteries are live and ready when you want to use Kal-Dwell. Burn-out proof. Automatically adjusts to 6 or 12 volts.

JEWEL MOVEMENT METER . . . extremely sensitive yet shock resistant and built to stand up under hard use.

MEASURES POINT RESISTANCE . . . colored zones on dial indicate acceptable point resistance . . . ends guess-work.

- One of the surest ways to sell tune-up is to check distributor point-dwell in the customer's presence. The greatest wear in the ignition system, aside from spark plugs, occurs in the distributor. Point gap begins to close as soon as mileage is added to the engine. Breaker plate support bearings also begin to wear and, of course, leads to poor performance. When the dwell meter reading does not meet specifications, a tune-up job is easy to sell . . . and this usually leads to sales of other parts and services.



KAL-DWELL MULTI-CAM

MODEL T-122

FOUR SCALES . . . 0-45, 0-60, 0-120, and 0-360 allow point dwell to be easily measured on engines with 1, 3, 4, 6, and 8 lobe cams.

MEASURES POINT RESISTANCE . . . checks for resistance in primary circuit and point contact . . . prevents later trouble due to subsequent ignition failure.

COMPLETELY SELF POWERED permits checks to be made "on the job." Tests engines while under actual operating conditions.

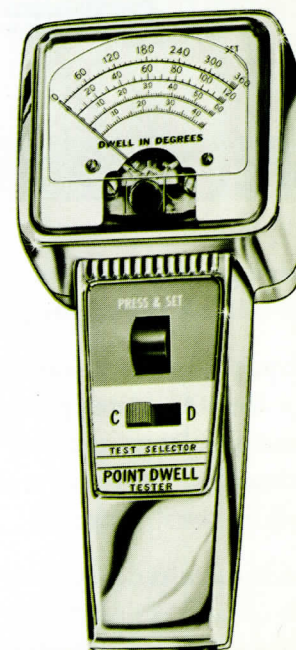
UNIVERSAL 6 AND 12 VOLT . . . no special setting, no switching . . . automatically adjusts to correct voltage.

AUTOMATIC BATTERY SHUT-OFF . . . no failures or unnecessary burn-out . . . no off-on switch to forget . . . internal batteries are live and ready every time you want to use it.

PRECISION METER . . . jewel movement for highest degree of accuracy . . . highly sensitive yet built to stand abuse, resist shock, last longer.

CONTINUITY TEST. To accurately determine where the points open in a magneto system requires more than a visual check. Timing magnetos is easy with this Dwell Meter because it includes a special continuity test.

- Although some automotive testing equipment is suitable for marine use, much of it is not. A dwell meter, for instance, must be able to check cam-angle on all of the various cam-lobe arrangements found in marine engines if it is to be of any value to a serviceman. The Kal-Dwell Model T-122 is specifically designed to meet this problem. Here is a tool that can be really profitable for the marine dealer.



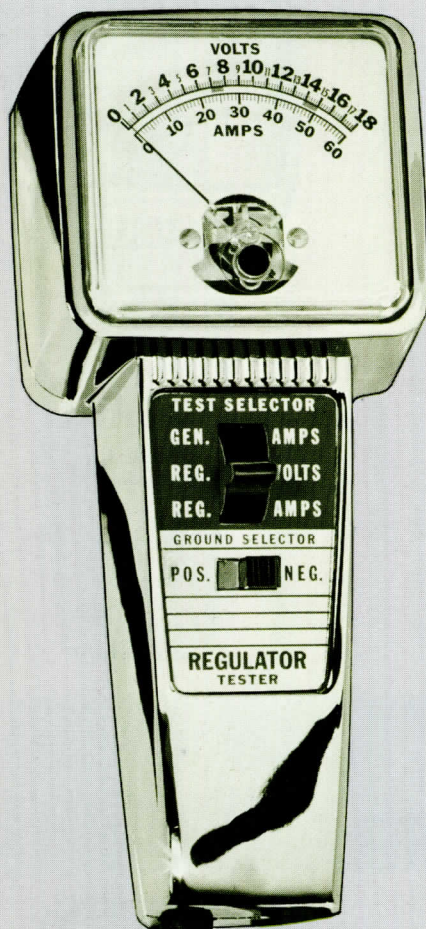
KAL-EQUIP COMPANY
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

KAL-REG

GENERATOR-REGULATOR TESTER VOLT-AMMETER MODEL T-141



A SPECIALLY DESIGNED REGULATOR TESTER . . . more than just a *volt-ammeter*. Has all of the necessary resistances and loads built in so both voltage and current regulators can be checked according to manufacturer's recommendations.

SIMPLE CONNECTIONS . . . three leads, color keyed for instant identification . . . identical hook-up for all cars. Handy thumb switch selects correct ground polarity.

SIMPLE TO USE . . . checks generator output, voltage regulator and current regulator with mere flip of a switch . . . no test battery needed . . . lights, accessories, etc. need not be turned on.

PERFORMS AUXILIARY TESTS . . . Kal-Reg also serves as a regular Volt-Ammeter . . . checks cranking voltage, cut-out, etc.

ONE HAND OPERATION . . . the only hand held tester with built-in load for current regulator checking. Advanced engineering, of course, makes the big difference.

JEWEL MOVEMENT METER . . . for greater accuracy . . . very sensitive but very rugged for longer trouble-free use.

KAL TOOLS ARE ENGINEERED TO DO THE JOB FASTER

Here is a good example of aggressive engineering . . . we call it *Kal-imagining*.

Kal-Equip engineers found that most mechanics used a Volt-Ammeter primarily to check generators and regulators and only rarely was it used for anything else. "Why not make it *real easy* to make these three tests" they said . . . so they did.

And what a tester they designed! Push the thumb switch forward to read generator output in amps. Snap it to the center position and read the voltage regulator setting in volts. Pull it towards you and read the current regulator setting in amps . . . and in less time than it took to read this paragraph, you've checked all three.

And the hook-up is just as simple. Black clip to ground, blue clip (starts with B for battery) to battery wire, and yellow clip to the terminal from which the battery wire was disconnected. And this hook-up is the same for all engines, makes, models and all three tests.

KAL-PUMP FUEL PUMP TESTER

MODEL T-151

CHECKS FUEL PUMP PRESSURE . . . 0-15 lb.

gauge reads fuel pump pressure, one of first signs of fuel pump trouble.

CHECKS FUEL PUMP CAPACITY . . . 0 to 3

pints-per-minute flow meter shows if pump is "putting out" properly without having to actually measure and time it.

CHECKS ENGINE VACUUM . . . a plus

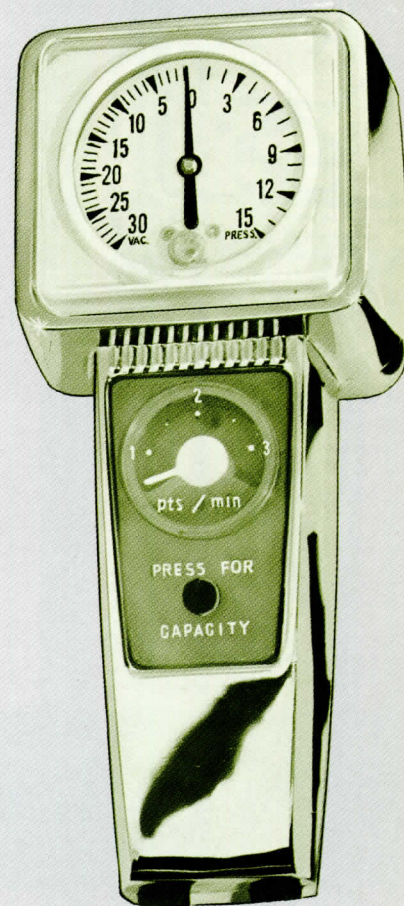
feature. Helps to find the cause of many common engine complaints.

ELIMINATES FIRE HAZARD . . . checking capacity

by pumping into a can is dangerous. Gasoline spilled on a hot manifold can "put a man out of business" in more ways than one.

SAVES TIME . . . no need to run the engine more than

a few seconds to check both pressure and capacity . . . no need to watch a clock or find a measuring can.



KAL-TOOLS ARE ENGINEERED TO DO THE JOB FASTER

It used to take a lot of time to make a thorough check of the fuel pump and as a result, most pumps went unchecked . . . it just didn't pay. And just checking pump pressure is not sufficient to find the cause of fuel problems . . . capacity must also be checked. An engine can be starving for fuel yet have ample pump pressure.

Checking pump capacity can be very messy, especially if a can of gasoline gets spilled over a hot manifold. The usual method of measuring time and quantity involves both finding the right meas-

uring can (it's always lost) and watching a second hand.

With a Kal-Pump Tester the hose is hooked over the line, the engine is started and pump pressure is read . . . a button is pressed and the capacity is read. Total elapsed time . . . less than five seconds.

Yes, all Kal-Tools are designed to do specific jobs and do them better and quicker than ever before possible. You can always have an edge on competition when you're "Kal-Equipped".

KAL-EQUIP COMPANY

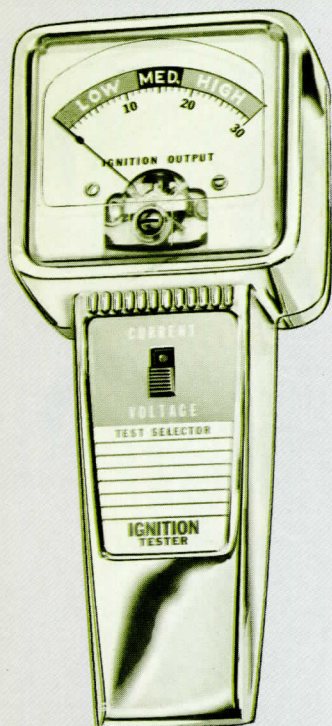
OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

Cable KALEQUIPCO, Fort Wayne

KAL-SPARK^{AUTOMOTIVE}

MODEL T-161



CHECKS ENTIRE IGNITION SYSTEM

... with engine running, checks coil, condenser, reversed polarity, secondary circuit connections, radio suppressors, resistance in ignition primary circuit, or spark plug wire leakage.

SIMPLIFIED TESTING PROCEDURE...

no critical engine speeds to watch ... no "specifications" to observe ... easy to use and understand ... nothing to "interpret."

ONLY TWO CONNECTIONS...

one wire to ground, one to ignition system ... no chance of incorrect hook-up ... same connections for all cars or trucks ... takes only seconds to do.

CAN'T BURN OUT ... even if it were hooked up wrong, Kal-Spark won't burn out or be damaged because it has internal burn-out protection.

CHECKS IGNITION EVEN ON DEAD ENGINE.

When engine won't start, Kal-Spark can be used to quickly determine whether the trouble is in the ignition.

FOR BATTERY IGNITION SYSTEMS.

The Kal-Spark T-161 is intended for automotive and truck service or any engine provided with *battery* ignition. (Will not test one-cylinder engines.)

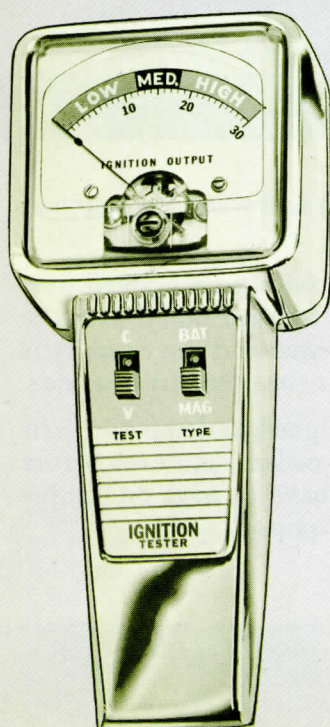
SELLS MORE IGNITION PARTS...

finds ignition troubles quickly and positively ... helps boost sales of parts and labor.

● Here is an ignition tester that is *useful* because it's *usable*. You don't have to learn the meaning of a lot of "squiggles" ... the meter tells whether the parts you're testing are good or bad. And it's accurate too because the tests are made while the ignition is under simulated load ... a load that is even greater than the ignition system is ever subjected to. In this way, Kal-Spark finds potential ignition problems when they are just beginning ... and in your shop where *you* get a chance at it, not your *competitor*.

KAL-SPARK^{UNIVERSAL}

MODEL T-162



FOR BATTERY AND MAGNETO SYSTEMS ... all ignition tests for battery systems can also be made on magneto systems. (Will not test one-cylinder engines.)

CHECKS ENTIRE IGNITION SYSTEM

... more than just a coil and condenser tester. Finds bad spark plug wires, caps, rotor, points, reversed polarity, coil, condenser, secondary circuit connections, radio suppressors, resistance in primary circuit, etc.

SIMPLIFIED TESTING PROCEDURE...

rev up the engine until meter pointer quits climbing ... it's either good or bad. No specifications to think about.

ONLY TWO CONNECTIONS...

no chance of error ... same connections for all engines.

CAN'T BURN OUT ... Kal-Spark is internally protected against burn-out in case it should be hooked up wrong.

CHECKS IGNITION EVEN ON DEAD ENGINE.

When engine won't start, it saves a lot of time to know whether to

work on carburetion or ignition. It only takes a few seconds to find out with a Kal-Spark.

BUILDS IGNITION BUSINESS...

finds defective parts quickly ... helps sell more parts without hit and miss replacement of non-defective parts ... builds customer good-will.

Here is an instrument that makes "preventive maintenance" economically feasible. Here is a tool that is so easy to use that ignition testing can now be part of routine checking. It only takes a moment to make a complete ignition test ... and while you're "under the hood" and in your own shop is the best time to find a customer's trouble ... before it happens elsewhere.

KAL-LITE

BATTERY POWER

MODEL L-5

A TIMING LIGHT CAN DO MORE THAN JUST TIME AN ENGINE . . . it can check for engine "ailments" that mean extra profits for an alert mechanic. Use it to test centrifugal and vacuum advance behavior . . . find worn distributor shafts and bushings . . . and Kal-Lite is the favorite with mechanics because:

BRIGHTER . . . SHARPER BEAM. More light accurately focused makes Kal-Lite easier to use . . . even in sunlight.

TRIGGER ACTION . . . shuts off when released. This important feature reduces needless wear on bulb and other expensive components.

OPERATES ON 6 AND 12 VOLTS . . . continuous voltage regulation prevents burn-out when engine is started or revved up.

NO DANGER OF SHOCK . . . a unique internal ground removes all shock hazard, even when touched against a spark plug.

SLIM . . . TRIM . . . COMPACT

. . . Kal-Lite packs more power in less space
. . . easier to use in tight places.



KAL-LITE

Jr.

A.C. POWER

MODEL L-60

Whether to buy a battery powered timing light like the Kal-Lite L-5 or an A.C. light like the L-60 depends largely upon the needs of the person who will use it. Anyone "in the business" and who uses a timing light regularly will prefer the L-5 because it can be used anywhere, even outdoors, since no power source is needed other than the vehicle battery.

On the other hand, an A.C. light gets its "power" from the line and therefore many of the expensive components that are required in a battery-powered light are eliminated thus considerably reducing its cost. Kal-Equip, of course, passes this saving on to the purchaser of the Model L-60.

The Kal-Lite Jr. is an ideal timing light for anyone who wants a "power" light but who does not require the convenience of the more expensive Kal-Lite L-5.



Model L-60 for 110-125 volt, 25-60 cycle.

Model L-60-220 for 220-250 volt, 25-60 cycle.

KAL-EQUIP COMPANY

OTSEGO, MICHIGAN

Export Dept.: Platka International Building, Fort Wayne, Indiana, U.S.A.

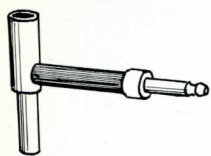
Cable KALEQUIPCO, Fort Wayne

CASES and CABINETS



- C-20 KAL TUNE-TOOL BOX.** A convenient box to hold instruments and gauges. Ample lead storage. Holds four metered units or various combinations of testers, gauges and accessories. Size $3\frac{1}{2}'' \times 13'' \times 10\frac{1}{2}''$. Heavy gauge steel, finished in baked-on white stain-resistant refrigerator enamel.
- C-30 KAL-CARRYALL.** A specially designed compartmented chest which holds four metered units and a timing light. Cords are kept separated and instruments are held properly for display and utility. Size $12'' \times 14'' \times 7\frac{1}{2}''$. Heavy gauge steel. Baked-on white refrigerator enamel resists stain and oil discoloration.
- C-40 BENCH CABINET.** Designed to hold five metered testers, timing light and remote starter switch in best position for display. Compartment holds compression gauge, accessories and adapters. Leads store conveniently in unique tray. Size $15\frac{1}{2}'' \times 26'' \times 10\frac{1}{2}''$. Durably built of heavy gauge steel, finished in beautiful baked-on stain-resistant white refrigerator enamel. Comes complete with wall brackets.
- C-50 FLOOR STAND.** Designed to hold the C-40 bench cabinet in such a way that together they become an attractive console. Tray bottom of C-40 is removed when placed on C-50 floor stand so that instrument leads hang into lower stand. Makes units very convenient to use and replace. Size $28'' \times 25\frac{1}{2}'' \times 15''$. Finished in baked-on white stain-resistant enamel. Comes complete with casters.

ADAPTERS and ACCESSORIES



A-293 "T" ADAPTER for tapping into high tension circuit when using ignition testers.



A-538 MAGNETO AND STARTING ADAPTER for tapping into high tension circuit on ignition "dead engine" test and also for magneto testing.



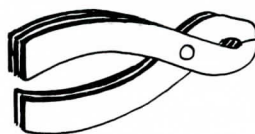
A-315 JUMPER LEAD for all kinds of temporary electrical connections.



A-525 CLIP ADAPTER for connecting various terminal shapes to female spark plug connector of T-102.



A-526 CLIP ADAPTER for connecting various terminal shapes to male spark plug connector of T-102.



A-321 INSULATED PLIERS for safe, shockless handling of high tension wires.



831 SPARK PLUG AND DISTRIBUTOR ADAPTER for making connection to high tension circuit at either distributor or plug.



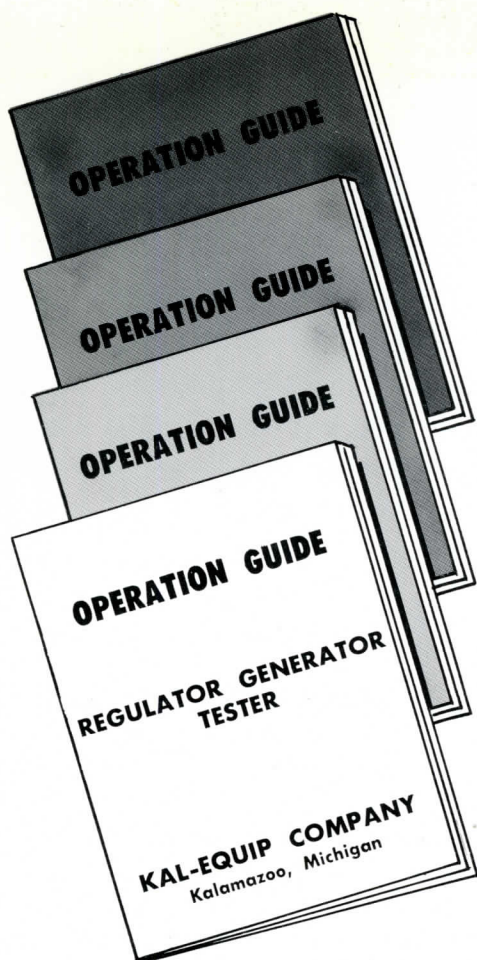
A-817 COMPRESSION ADAPTER for deep reach plugs and certain engines having recessed plugs.



$\frac{1}{4}''$ TO $\frac{1}{8}''$ PIPE BUSHING. For connecting to manifold when making vacuum test on certain engines.



1002 TAPERED ADAPTER. For connecting to manifold when making vacuum test on certain engines.



Clear, Concise, Easy-To-Follow Operation Guides Make "Expert" Tune-Up Easy To Learn.

Whether you're an expert at tune-up or you're just getting into it, you'll find the Kal-Equip method a real time saver.

Every tool comes with its own operation manual . . . you can read it in minutes and be using the equipment right away. No need to be concerned about hooking them up wrong either, because *Kal-Tools* are burn-out protected.

Yes, whether you're an expert or a beginner, Kal-Tools with Kal-Guides make you experter . . . faster.

Sample page from one Kal-Equip Operation Guide . . . shows clear, simple, step-by-step illustrations and instructions.

	1. MOVE TEST SELECTOR TO REG. VOLTS.	
	2. INCREASE ENGINE SPEED TO ABOUT 2000 R.P.M.	
	3. READ VOLTAGE ON VOLTS SCALE.	
	4. IF VOLTAGE REGULATOR ADJUSTMENT NECESSARY—STOP ENGINE AFTER EACH ADJUSTMENT AND THEN REPEAT STEPS 2 AND 3.	

VOLTAGE REGULATOR TEST

Use Your Credit—Save Your Cash

If you have been postponing the purchase of tune-up equipment until such time as you could *afford* it, don't delay any longer . . . you can't afford to be without it.

By using one of the available deferred payment plans, you can have a Kal-Tunemaster working for you right now . . . and paying for itself too. The profit on just one Kal-Tune-Up job *per month* is enough to

cover the low monthly payment . . . the rest of its earnings are yours.

Ask about financing a Tunemaster and save your cash for the stock of ignition parts that you'll want on hand once you're doing tune-up in a big way. Remember, *no investment you can make will increase your earning power faster or easier than a Kal-Tunemaster.*

Unique 4-Point Service Policy

Every Kal-Tool is backed by this unique warranty and service plan.

1 *One Year Free Service . . . Any necessary factory service within the first year, not caused by abuse, is absolutely free. No fine print here . . . if it fails, we fix it . . . free.*

2 *24-Hour Factory Service . . . Kal-Tools are expertly serviced . . . tested to original specifications . . . and on the way back within 24 hours of arrival . . . actually, work is under way within an hour or so after we receive it.*

3 *Second and Third Year "Not to Exceed" Service Prices . . . Kal-Tools are built to last longer than the one year during which full warranty applies. To back this up, Kal-Equip guarantees that regardless of how extensive the repair, the charge will always be as small as possible but never greater than 30% of the original price of the tool during the second year or 45% during the third year.*

4 *Loaners Available . . . to assure uninterrupted profits, should any Kal-Tool need to be serviced, Wholesaler's "Loaner" unit stays on the job.*



KAL-EQUIP COMPANY OTSEGO, MICHIGAN, U.S.A.

CATALOG NO. F-600

PRINTED IN U.S.A.